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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
10/073,117	02/12/2002	Hideki Yoshikawa	020175	2329
23850	7590 01/23/2004		EXAMINER	
ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP			IM, JUNGHWA M	
1725 K STREI SUITE 1000	EI, NW		ART UNIT	PAPER NUMBER
WASHINGTO	N, DC 20006		2811	

DATE MAILED: 01/23/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

		iha /				
	Application No.	Applicant(s)				
_	10/073,117	YOSHIKAWA ET AL.				
Office Action Summary	Examin r	Art Unit				
	Junghwa M. Im	2811				
The MAILING DATE of this communication appears on the cover sheet with the correspondence address P riod for Reply						
A SHORTENED STATUTORY PERIOD FOR REPLY THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply - If NO period for reply is specified above, the maximum statutory period v - Failure to reply within the set or extended period for reply will, by statute, - Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b). Status	36(a). In no event, however, may a reply be tire within the statutory minimum of thirty (30) day will apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	nely filed s will be considered timely. the mailing date of this communication. D (35 U.S.C. § 133).				
1) Responsive to communication(s) filed on 12 Fe	ebruary 2002.					
,—	action is non-final.					
3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.						
Disp sition of Claims						
4) Claim(s) is/are pending in the application.						
4a) Of the above claim(s) is/are withdrawn from consideration.						
5) Claim(s) is/are allowed.						
6) Claim(s) is/are rejected.						
7) Claim(s) is/are objected to.						
8) Claim(s) <u>1-8</u> are subject to restriction and/or el	ection requirement.					
Application Papers						
9) The specification is objected to by the Examiner.						
10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.						
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).						
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).						
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.						
Priority under 35 U.S.C. §§ 119 and 120						
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of:						
1. Certified copies of the priority documents have been received.						
 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage 						
application from the International Bureau (PCT Rule 17.2(a)).						
* See the attached detailed Office action for a list of the certified copies not received.						
13) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet.						
37 CFR 1.78.						
a) The translation of the foreign language provisional application has been received.						
14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.						
Attachment(s)						
1) Notice of References Cited (PTO-892)		(PTO-413) Paper No(s)				
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449) Paper No(s) 		Patent Application (PTO-152)				

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DETAILED ACTION

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Election/Restrictions

- 1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - Claim 1-5 drawn to a semiconductor device, classified in class 257, subclass 703.
 - Il Claims 6-9 drawn to a method of fabricating a semiconductor device, classified in class 438, subclass 10+.
- 2. The inventions are distinct, each from the other because of the following reasons:

 Inventions I and II are related as process of making and product made. The

inventions are distinct if either or both of the following can be shown: (1) that the process as claimed can be used to make other and materially different product or (2) that the product as claimed can be made by another and materially different process (MPEP § 806.05(f)). In the instant case the product as claimed can be made by another and materially different process. For example, a laminating structure of the composite device recited in claim 1 can be made through pressure-bonding rather than by firing the laminate as recited in process claim 6.

3. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.

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4. Applicant is advised that the reply to this requirement to be complete must

include an election of the invention to be examined even though the requirement be

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traversed (37 CFR 1.143).

5. Applicant is reminded that upon the cancellation of claims to a non-elected

invention, the inventorship must be amended in compliance with 37 CFR 1.48(b)

if one or more of the currently named inventors is no longer an inventor of at least

one claim remaining on the application. Any amendment of inventorship must be

accompanied by a petition under 37 CFR 1.48(b) and by the fee required under

37 CFR 1.17(i).

6. Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Junghwa M. Im whose telephone number is (703) 305-

3998. The examiner can normally be reached on MON.-FRI. 8:30AM-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Eddie C Lee can be reached on (703) 308-1690. The fax phone number for

the organization where this application or proceeding is assigned is (703) 872-9318.

Any inquiry of a general nature or relating to the status of this application or

proceeding should be directed to the receptionist whose telephone number is (703) 308-

0956.

Jmi January 14, 2004 EDDIE LEE SUPERVISORY PATENT EXAMINER

TECHNOLOGY CENTER 2800